- F	JUL 2 6 2004 Q	16 11	()	
	30L Z II ZDB	DECLARATIO	ON FOR PATENT APPLICATI	ON Docket Numbe	er SPV-042.0
As a below named have	4 h				
, ,		zenship are as stated belo			
I believe I am the orig the subject matter whi	inal, first and sole in the is claimed and fo	nventor (if only one namor which a patent is sough	e is listed below) or an original, first and that on the invention entitled:	i joint inventor (if plural names	s are listed below) of
	A	ntipsychotic Sulfonan	nide-Heterocycles, and Methods of U	Use Thereof	
the specification of wh	nich (check one)				
Ď	☐ is attached hereto ☑ was filed on Date pplicable).		United States Application Number <u>09/9</u>	51,137, and was amended on D	Date(if
I hereby state that I ha referred to above.	ve reviewed and un	derstand the contents of	the above identified specification, include	ding the claims, as amended by	any amendment
I acknowledge the dut	y to disclose inform	nation, which is material	to patentability as defined in Title 37, C	ode of Federal Regulation, § 1.	.56.
I hereby claim foreign below and have also ic priority is claimed.	priority benefits undentified below any	nder Title 35, United Stat foreign application for p	es Code, § 119(a)-(d) of any foreign apparent or inventor's certificate having a fi	plication(s) for patent or invent iling date before that of the app	or's certificate listed dication on which
Prior Foreign Applicati	on(s)				Priority Claimed
					Yes No
(Number)		(Country)	(Day/Month/Year Filed)		
(Number)		(Country)	(Day/Month/Year Filed)		Yes No
I hereby claim the ben	efit under Title 35,	United States Code, § 11	9(e) of any United States Provisional ap	oplication(s) listed below.	•
60/231,607		9/11/00			
(Application Num	nber)	(Filing Date)			
(Application Num	nber)	(Filing Date)			
of the claims of this ap	pplication is not dis	closed in the prior United is close information which	O of any United States application(s) list States application in the manner provide is material to patentability as defined in ation and the national or PCT internation	led by the first paragraph of Ti in Title 37, Code of Federal Re	tle 35, United States gulations, § 1.56
(Application Nun	nber)	(Filing	, Date)	(Status: patented, pend	ling, abandoned)
(Application Nun	nber)	(Filing	Date)	(Status: patented, pend	ling, abandoned)
46,663; William D. D. Gordon, Reg. No. 44, Lane, Reg. No. 39,26 39,329; Philip C. Swa Reg. No. 47,172; and Trademark Office cor	e Vaul Reg. No. 424 719; Robert A. Gre 1; W. Hugo Liepma iin, Reg. No. 32,376 I John L. Welch, Re nnected therewith.	183; Daniel P. Gaudet, Renberg, Reg. No. 44,133; unn, Reg. No. 20,407; Jin S. Kingsley L. Taft, Reg.	s, Reg. No. 47,326; Kirk A. Damman, R. eg. No. P-48,584; Robert W. Gauthier, F. Jennifer K. Holmes, Reg. No 46,778; S. n Olesen, Reg. No. 46,967; Kevin A. Ol. No. 43,946; John Quisel, Reg. No. 47,8 ys/agents to prosecute this application ar the (617) 832-1765.	Reg. No. 35,153; Jason Gish, R Scott B. Kamholz, Reg. No. P- liver, Reg. No. 42,049; Chinh I 374; Anita Varma, Reg. No. 43.	eg. No. 42,581; Dana 48,543; David A. H. Pham, Reg. No. ,221; Sharon Webb,
Address all correspon		Customer Id No: 2518			
		Patent Group Foley Hoag & Eliot LL One Post Office Square Boston, MA. 02109-21	;		
and further that these	statements were ma	ade with the knowledge t	ledge are true and that all statements ma hat willful false statements and the like : d that such willful false statements may	so made are punishable by fine	or imprisonment, or

Additional inventors are being named separately numbered sheets attached hereto.

Date:

Citizenship: People's Republic of China

Post Office Address: same

Full name of sole or first inventor (given name, family name): Xinhe Wu Inventor's signature:

Residence: L Royal Crest Drive, #1, Marlborough, MA

Full name of second joint inventor (given name, family name): Brian M. Aquila	
Inventor's signature:	Date:
Residence: 36 Royal Crest Drive #4, Marlborough, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of third joint inventor (given name, family name): Liming Shao	,
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	
Post Office Address: same	
Tost Office Address. game	
Full name of fourth joint inventor (given name, family name): Heike Radeke	
Inventor's signature:	Date:
Residence: 328 East Street, Dedham, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Gregory D. Cuny Inventor's signature: Residence: 100 Tower Street #210 Hudson, MA Post Office Address: same	Date: Citizenship: <u>U.S.A.</u>
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Street, Concord, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address:	· .

OIP				
		C(C)	`	
2 6 2004 6		FOR PATENT APPLICATION	Docket Number	SPV-042.01
As a below named inventor, I hereby			•	
My residence, post of the allowers and	-	·		than dhinti i i i i i
the subject matter which is claimed an	nd for which a patent is sought or		•	iisted below) of
	• •	e-Heterocycles, and Methods of Use Th	ereof	
the specification of which (check one				
☐ is attached he ⊠ was filed on applicable).		ted States Application Number <u>09/951,137</u> ,	and was amended on Date_	(if
I hereby state that I have reviewed an referred to above.	i understand the contents of the	above identified specification, including the	e claims, as amended by any	amendment
acknowledge the duty to disclose in	formation, which is material to p	atentability as defined in Title 37, Code of	Federal Regulation, § 1.56.	•
		Code, § 119(a)-(d) of any foreign application to rinventor's certificate having a filing da		
Prior Foreign Application(s)	•		Pric	ority Claimed
· ·		(D. A.C., 45 (M Dil. 1)	ΠY	es 🔲 No
(Number)	(Country)	(Day/Month/Year Filed)		/ 🗖 No
(Number)	(Country)	(Day/Month/Year Filed)	□ ¥	es No
I hereby claim the benefit under Title	35, United States Code, § 119(e)) of any United States Provisional application	on(s) listed below.	
50/231.607	9/11/00	_		
(Application Number)	(Filing Date)	•		·
(Application Number)	(Filing Date)	-		
of the claims of this application is not Code, § 112, I acknowledge the duty	disclosed in the prior United State to disclose information which is	f any United States application(s) listed beloates application in the manner provided by to material to patentability as defined in Title in and the national or PCT international filing	he first paragraph of Title 35 37, Code of Federal Regulati	, United States
(Application Number)	(Filing Dat	tc)	(Status: patented, pending, a	oandoned)
(Application Number)	(Filing Dat	te)	(Status: patented, pending, a	bandoned)
46,663; William D. DeVaul Reg. No. Gordon, Reg. No. 44,719; Robert A. (Lane, Reg. No. 39,261; W. Hugo Liep 39,329; Philip C. Swain, Reg. No. 32,	42483; Daniel P. Gaudet, Reg. N Greenberg, Reg. No. 44,133; Jens omann, Reg. No. 20,407; Jim Ol ,376; Kingsley L. Taft, Reg. No. , Reg. No. 28,129 as attorneys/ag	eg. No. 47,326; Kirk A. Damman, Reg. No. No. P-48,584; Robert W. Gauthier, Reg. No nifer K. Holmes, Reg. No 46,778; Scott E. lesen, Reg. No. 46,967; Kevin A. Oliver, Reg. 43,946; John Quisel, Reg. No. 47,874; Anigents to prosecute this application and to tra	. 35,153; Jason Gish, Reg. No Kamholz, Reg. No. P- 48,54 eg. No. 42,049; Chinh H. Pha ita Varma, Reg. No. 43,221;	o. 42,581; Dana 3; David A. m, Reg. No. Sharon Webb,
Address all telephone calls to Dana M	i. Gordon at telephone number ((617) 832-1765.		
Address all correspondence to:	Customer Id No: 25181			
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170			
and further that these statements were	made with the knowledge that v	e are true and that all statements made on in willful false statements and the like so made at such willful false statements may jeopard	are punishable by fine or im	prisonment, or
Full name of sole or first inventor (giventor)	ven name, family name): Xinhe			
Inventor's signature:	Aarlborough, MA	Date: Citizen:	ship: People's Republic of Ch	ina
Post Office Address: same		<u> </u>	· · · · · · · · · · · · · · · · · · ·	

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Brian M. Aquila	
Inventor's signature:	Date: 10 22 0/ -
Residence: 36 Royal Crest Drive #4, Marlborough, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of third joint inventor (given name, family name): Liming Shao	
	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of fourth joint inventor (given name, family name): Heike Radeke	
Inventor's signature:	Date:
Residence: 328 East Street, Dedham, MA	Citizenship: <u>U.S.A.</u>
Post Office Address: same	
•	
Pulture oral () a company	
Full name of fifth joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 100 Tower Street #210 Hudson, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Street, Concord, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Doct Office Address	

1010		~=		
JUL 2 6 2004	6) (i)			
As a below named inventor, I here	2/	FOR PATENT APPLICATION	Docket Number	SPV-042.0
My residence, post office address a	and citizenship are as stated below ne	ext to my name.		
	I sole inventor (if only one name is li I and for which a patent is sought on	isted below) or an original, first and joint inv the invention entitled:	ventor (if plural names are list	ted below) of
	Antipsychotic Sulfonamide-	Heterocycles, and Methods of Use Ther	eof	
he specification of which (check o	ne)			
☐ is attached ☑ was filed o applicable).		ed States Application Number <u>09/951,137</u> , as	nd was amended on Date	(if
hereby state that I have reviewed referred to above.	and understand the contents of the ab	bove identified specification, including the c	laims, as amended by any am	endment
acknowledge the duty to disclose	information, which is material to pat	tentability as defined in Title 37, Code of Fed	deral Regulation, § 1.56.	
		ode, § 119(a)-(d) of any foreign application(s or inventor's certificate having a filing date		
Prior Foreign Application(s)			Priorit	y Claimed
	(2)	CO AC dAY DY D	☐ Yes	□ No
(Number)	(Country)	(Day/Month/Year Filed)		
(Number)	(Country)	(Day/Month/Year Filed)	☐ Yes	☐ No
hereby claim the benefit under Ti	tle 35, United States Code, § 119(e)	of any United States Provisional application((s) listed below.	
60/231,607	9/11/00			
(Application Number)	(Filing Date)	·		
(Application Number)	(Filing Date)			
of the claims of this application is a Code, § 112, I acknowledge the du	not disclosed in the prior United State ty to disclose information which is m	any United States application(s) listed below es application in the manner provided by the naterial to patentability as defined in Title 37 and the national or PCT international filing of	first paragraph of Title 35, U , Code of Federal Regulations	nited States
(Application Number)	(Filing Date)	(Status: patented, pending, aban	ndoned)
(Application Number)	(Filing Date) (Status: patented, pending, aban	idoned)
l6,663; William D. DeVaul Reg. N Bordon, Reg. No. 44,719; Robert A Lane, Reg. No. 39,261; W. Hugo L 19,329; Philip C. Swain, Reg. No.	Io. 42483; Daniel P. Gaudet, Reg. No. A. Greenberg, Reg. No. 44,133; Jenni Liepmann, Reg. No. 20,407; Jim Oles 32,376; Kingsley L. Taft, Reg. No. 4 ch, Reg. No. 28,129 as attorneys/age	No. 47,326; Kirk A. Damman, Reg. No. 42 o. P-48,584; Robert W. Gauthier, Reg. No. 3 ifer K. Holmes, Reg. No 46,778; Scott E. K. sen, Reg. No. 46,967; Kevin A. Oliver, Reg. 43,946; John Quisel, Reg. No. 47,874; Anita ints to prosecute this application and to trans	5,153; Jason Gish, Reg. No. 4 amholz, Reg. No. P- 48,543; No. 42,049; Chinh H. Pham, Varma, Reg. No. 43,221; Sh	42,581; Dana David A. Reg. No. aaron Webb,
Address all telephone calls to Dana	M. Gordon at telephone number (6	17) 832-1765.		
Address all correspondence to:	Customer Id No: 25181			
	Patent Group			

Foley Hoag & Eliot LLF One Post Office Square Boston, MA. 02109-2170

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ventor's signature:	Date:
esidence: 1 Royal Crest Drive, #1, Marlborough, MA	Citizenship: People's Republic of China
ost Office Address: same	

Full name of second joint inventor (given name, family name): Brian M. Aquila	
Inventor's signature:	Date:
Residence: 36 Royal Crest Drive #4, Marlborough, MA	Citizenship: U.S.A.
Post Office Address: same	
Pull name of third joint inventor given name; family name): Liming Shao	
Inventor's signature:	Date: 19th October, 2001
Inventor's signature: Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	Citizensiup. Feople's Republic of Cluna
Full name of fourth joint inventor (given name, family name): Heike Radeke	
Inventor's signature:	Date:
Residence: 328 East Street, Dedham, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Gregory D. Cuny	
Torrenta da al anatorre	Date:
Residence: 100 Tower Street #210 Hudson, MA	
Post Office Address: same	Citizership: O.S.A.
2 Vol. Other Address. game	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Street, Concord, MA	Citizenship: <u>U.S.A.</u>
Post Office Address: same	
Bill many of GOL in the language of the control of	
Full name of fifth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	_ Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China

/	•						
	(a)		($\gamma =$			
» 2 6 2004	'GMP 1'	RATION FO	R PATENT APPLICAT	rion	Docket Number	5	SPV-042.0
As a below named inventor, I hereby	> /	. 11 1	.			**	
My residence, post of the authors and	-			•••		••	
believe I am the original, first and so he subject matter which is claimed a				nd joint inve	entor (if plural names	are listed	i below) of
		ilfonamide-He	terocycles, and Methods of	Use There	eof		
he specification of which (check one)						
☐ is attached h ☑ was filed on applicable).		2 <u>001</u> as United S	States Application Number 09	<u>/951,137</u> , an	d was amended on Da	te	(if
hereby state that I have reviewed an eferred to above.	d understand the con	tents of the abov	re identified specification, incl	uding the cl	aims, as amended by a	iny ame	ndment
acknowledge the duty to disclose in	formation, which is n	naterial to patent	tability as defined in Title 37,	Code of Fed	eral Regulation, § 1.5	6.	
hereby claim foreign priority beneficelow and have also identified below priority is claimed.							
Prior Foreign Application(s)						Priority	Claimed
					_	Ţ ZYes	□ No
(Number)	(Country)		(Day/Month/Year Filed)			_ 	—
(Number)	(Country)	-	(Day/Month/Year Filed)		.Ļ	Yes	□ No
hereby claim the benefit under Title	35, United States Co	de, § 119(e) of a	any United States Provisional	application(s	s) listed below.		
50/231,607	9/11/00						
(Application Number)	(Filing Da	ate)			•		
		•	•				
(Application Number)	(Filing Da	ate)	•				
hereby claim the benefit under Title of the claims of this application is not code, § 112, I acknowledge the duty	35, United States Co disclosed in the prio to disclose information	ate) de, § 120 of any r United States a	application in the manner proverial to patentability as defined	rided by the t I in Title 37,	first paragraph of Title Code of Federal Regu	35, Un lations,	ited States
hereby claim the benefit under Title of the claims of this application is not code, § 112, I acknowledge the duty	35, United States Co disclosed in the prio to disclose information	ate) de, § 120 of any r United States a	application in the manner proverial to patentability as defined	rided by the slin Title 37, onal filing d	first paragraph of Title Code of Federal Regu	35, Un lations,	§ 1.56
hereby claim the benefit under Title of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the	35, United States Co disclosed in the prio to disclose information	ate) de, § 120 of any r United States a on which is mate r application and	application in the manner proverial to patentability as defined	rided by the standard	first paragraph of Title Code of Federal Regu ate of this application.	35, Un dations, g, aband	§ 1.56
hereby claim the benefit under Title fithe claims of this application is not Code, § 112, I acknowledge the duty which became available between the (Application Number)	35, United States Co disclosed in the prio to disclose informatic filing date of the prio ————————————————————————————————————	de, § 120 of any r United States a on which is mate r application and (Filing Date) (Filing Date) c Clauss, Reg. N udet, Reg. No. F 44,133; Jennifer 107; Jim Olesen ft, Reg. No. 43,9	application in the manner proverial to patentability as defined the national or PCT internation of the national or PCT internation or PCT international or PCT internation or	rided by the standard filing described f	first paragraph of Title Code of Federal Regu- ate of this application. Status: patented, pendin Status: patented, pendin 461; Stephen B. Deuts 5,153; Jason Gish, Reg- mholz, Reg. No. P- 48 No. 42,049; Chinh H. Varma, Reg. No. 43,2	g, aband g, aband g, aband sch, Reg g, No. 42 8,543; C Pham, F 21; Sha	oned) oned) oned) oned) oned) oned) oned) oned oned oned oned oned oned oned oned
hereby claim the benefit under Title of the claims of this application is not code, § 112, I acknowledge the duty which became available between the (Application Number)	35, United States Co disclosed in the prio to disclose information filing date of the prio	de, § 120 of any r United States a on which is mate r application and (Filing Date) (Filing Date) (Clauss, Reg. N udet, Reg. No. F 44,133; Jennifer 107; Jim Olesen ft, Reg. No. 43, attorneys/agents	application in the manner proverial to patentability as defined the national or PCT internation of the national or PCT international or PCT internation of the national or PCT international or PCT in	rided by the standard filing described f	first paragraph of Title Code of Federal Regu- ate of this application. Status: patented, pendin Status: patented, pendin 461; Stephen B. Deuts 5,153; Jason Gish, Reg- mholz, Reg. No. P- 48 No. 42,049; Chinh H. Varma, Reg. No. 43,2	g, aband g, aband g, aband sch, Reg g, No. 42 8,543; C Pham, F 21; Sha	oned) Oned) Oned) Oned) Oned) Oned) Oned Oned Oned Oned Oned Oned Oned Oned
hereby claim the benefit under Title of the claims of this application is not code, § 112, I acknowledge the duty which became available between the (Application Number) (Application Number) hereby appoint Beth E. Arnold, Reg 6,663; William D. DeVaul Reg. No. Bordon, Reg. No. 44,719; Robert A. ane, Reg. No. 39,261; W. Hugo Lie 19,329; Philip C. Swain, Reg. No. 32 Reg. No. 47,172; and John L. Welch Crademark Office connected therewith Address all telephone calls to Dana Medical Codes Address all telephone calls to Dana Medical Codes (Address all telephone calls to Dana Medical Co	35, United States Co disclosed in the prio to disclose information filing date of the prio	de, § 120 of any r United States a on which is mate r application and (Filing Date) (Filing Date) c Clauss, Reg. N udet, Reg. No. F 44,133; Jennifer 107; Jim Olesen ft, Reg. No. 43,9 attorneys/agents	application in the manner proverial to patentability as defined the national or PCT internation of the national or PCT international or PCT internation of the national or PCT international or PCT in	rided by the standard filing described f	first paragraph of Title Code of Federal Regu- ate of this application. Status: patented, pendin Status: patented, pendin 461; Stephen B. Deuts 5,153; Jason Gish, Reg- mholz, Reg. No. P- 48 No. 42,049; Chinh H. Varma, Reg. No. 43,2	g, aband g, aband g, aband sch, Reg g, No. 42 8,543; C Pham, F 21; Sha	oned) Oned) Oned) Oned) Oned) Oned) Oned Oned Oned Oned Oned Oned Oned Oned
hereby claim the benefit under Title of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the (Application Number) (Application Number) (Application Number) (hereby appoint Beth E. Arnold, Reg 16,663; William D. DeVaul Reg. No. Bordon, Reg. No. 44,719; Robert A. Lane, Reg. No. 39,261; W. Hugo Lie 19,329; Philip C. Swain, Reg. No. 32 Reg. No. 47,172; and John L. Welch Trademark Office connected therewith Address all telephone calls to Dana Medical Codes Address all telephone calls to Dana Medical Codes (Address all telephone Codes	35, United States Co disclosed in the prio to disclose information filing date of the prio No. 35,430; Isabelle 42483; Daniel P. Ga Greenberg, Reg. No. 20,4,376; Kingsley L. Ta, Reg. No. 28,129 as th. 1. Gordon at telephone	de, § 120 of any r United States a on which is mate r application and (Filing Date) (Filing Date) (Filing Date) (Clauss, Reg. No. F 44,133; Jennifer 107; Jim Olesen ft, Reg. No. 43, attorneys/agents the number (617) o: 25181 Cliot LLP Square	application in the manner proverial to patentability as defined the national or PCT internation of the national or PCT international or PCT internation of the national or PCT international or PCT in	rided by the standard filing described f	first paragraph of Title Code of Federal Regu- ate of this application. Status: patented, pendin Status: patented, pendin 461; Stephen B. Deuts 5,153; Jason Gish, Reg- mholz, Reg. No. P- 48 No. 42,049; Chinh H. Varma, Reg. No. 43,2	g, aband g, aband g, aband sch, Reg g, No. 42 8,543; C Pham, F 21; Sha	oned) Oned) Oned) Oned) Oned) Oned) Oned Oned Oned Oned Oned Oned Oned Oned
hereby claim the benefit under Title of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the (Application Number) (Application Number) (Application Number) hereby appoint Beth E. Arnold, Reg 16,663; William D. DeVaul Reg. No. Bordon, Reg. No. 44,719; Robert A. Lane, Reg. No. 39,261; W. Hugo Lie 19,329; Philip C. Swain, Reg. No. 32 Reg. No. 47,172; and John L. Welch	35, United States Co disclosed in the prio to disclose informatic filing date of the prio No. 35,430; Isabelle 42483; Daniel P. Ga Greenberg, Reg. No. pmann, Reg. No. 20,4 ,376; Kingsley L. Ta , Reg. No. 28,129 as th. 1. Gordon at telephor Customer Id N Patent Group Foley Hoag & E One Post Office Boston, MA. 02 ade herein of my owe made with the know	de, § 120 of any r United States a on which is mater application and (Filing Date) (Filing Date	application in the manner proverial to patentability as defined the national or PCT internation. Jo. 47,326; Kirk A. Damman, P-48,584; Robert W. Gauthier, K. Holmes, Reg. No 46,778; R. Reg. No. 46,967; Kevin A. 6946; John Quisel, Reg. No. 47 to prosecute this application of the statements and the like true and that all statements and the like	rided by the state of in Title 37, sonal filing description of the state of the sta	first paragraph of Title Code of Federal Regulate of this application. Status: patented, pending Status: patented, pending 461; Stephen B. Deuts 1,153; Jason Gish, Regunholz, Reg. No. P-48 No. 42,049; Chinh H. Varma, Reg. No. 43,20ct all business in the Federal Business	g, aband g, aband g, aband sch, Reg c, No. 42 3,543; D Pham, F 21; Sha atent an	oned) No. ,,581; Dana avid A. leg. No. ron Webb, d
hereby claim the benefit under Title of the claims of this application is not Code, § 112, I acknowledge the duty which became available between the (Application Number) (Appl	35, United States Co disclosed in the prio to disclose informatic filing date of the prio No. 35,430; Isabelle 42483; Daniel P. Ga Greenberg, Reg. No. pmann, Reg. No. 20,4 ,376; Kingsley L. Ta , Reg. No. 28,129 as th. 1. Gordon at telephor Customer Id N Patent Group Foley Hoag & E One Post Office Boston, MA. 02 ade herein of my own the made with the know of the United States Co	de, § 120 of any r United States a on which is mater application and (Filing Date) (Filing Date) (Filing Date) (Filing Date) (Filing Date) (Filing Date) (Clauss, Reg. No. F44,133; Jennifer 107; Jim Olesen ft, Reg. No. 43, attorneys/agents attorneys/agents ne number (617) (Co: 25181) (Cliot LLP) Square 109-2170 A knowledge are reledge that willful Code and that such applications are reledged and that such applications are released as a release are released as a released and that such applications are released as a	application in the manner proverial to patentability as defined the national or PCT international or PCT internati	rided by the state of in Title 37, sonal filing description of the state of the sta	first paragraph of Title Code of Federal Regulate of this application. Status: patented, pending Status: patented, pending 461; Stephen B. Deuts 1,153; Jason Gish, Regunholz, Reg. No. P-48 No. 42,049; Chinh H. Varma, Reg. No. 43,20ct all business in the Federal Business	g, aband g, aband g, aband sch, Reg c, No. 42 3,543; D Pham, F 21; Sha atent an	oned)
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Full name of second joint inventor (given name, family name): Brian M. Aquila	
Inventor's signature:	Date: -
Residence: 36 Royal Crest Drive #4, Marlborough, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of third joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	
Full name of fourth joint pyentor (given name, family name): Heike Radeke	
Inventor's signature: Mail Page	Date: 10 / 27.101
Residence: 228 East Street, Dedinam, MA 15 Seaver Farm Ln	Citizenship: U.S.A. (Second)
Post Office Address: same S. G. Coc. MA	
Full name of fifth joint inventor (given name, family name): Gregory D. Cuny Inventor's signature: Residence: 100 Tower Street #210 Hudson, MA Post Office Address: same	Date: Citizenship: <u>U.S.A.</u>
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Street, Concord, MA	Citizenship: <u>U.S.A.</u>
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address.	

DECLARATION FOR PATENT APPLICATION **Docket Number** SPV-042.01 declare that: As a below name inventor, I herel My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Antipsychotic Sulfonamide-Heterocycles, and Methods of Use Thereof the specification of which (check one) is attached hereto. was filed on Date September 12, 2001 as United States Application Number 09/951,137, and was amended on Date_____ applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulation, § 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s) Priority Claimed ☐ Yes ☐ No (Number) (Day/Month/Year Filed) (Country) ☐ Yes ☐ No (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States Provisional application(s) listed below. 60/231.607 9/11/00 (Application Number) (Filing Date) (Application Number) (Filing Date) I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. (Status: patented, pending, abandoned) (Application Number) (Filing Date) (Application Number) (Filing Date) (Status: patented, pending, abandoned) Trademark Office connected therewith.

I hereby appoint Beth E. Arnold, Reg. No. 35,430; Isabelle Clauss, Reg. No. 47,326; Kirk A. Damman, Reg. No. 42,461; Stephen B. Deutsch, Reg. No. 46,663; William D. DeVaul Reg. No. 42483; Daniel P. Gaudet, Reg. No. P-48,584; Robert W. Gauthier, Reg. No. 35,153; Jason Gish, Reg. No. 42,581; Dana Gordon, Reg. No. 44,719; Robert A. Greenberg, Reg. No. 44,133; Jennifer K. Holmes, Reg. No 46,778; Scott E. Kamholz, Reg. No. P-48,543; David A. Lane, Reg. No. 39,261; W. Hugo Liepmann, Reg. No. 20,407; Jim Olesen, Reg. No. 46,967; Kevin A. Oliver, Reg. No. 42,049; Chinh H. Pham, Reg. No. 39,329; Philip C. Swain, Reg. No. 32,376; Kingsley L. Taft, Reg. No. 43,946; John Quisel, Reg. No. 47,874; Anita Varma, Reg. No. 43,221; Sharon Webb, Reg. No. 47,172; and John L. Welch, Reg. No. 28,129 as attorneys/agents to prosecute this application and to transact all business in the Patent and

Address all telephone calls to Dana M. Gordon at telephone number (617) 832-1765.

Address all correspondence to:

Customer Id No: 25181

Patent Group

Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

iventor's signature:	Date:
esidence: 1 Royal Crest Drive, #1, Marlborough, MA	Citizenship: People's Republic of China
ost Office Address: same	

Full name of second joint inventor (given name, family name): Brian M. Aquila	
Directoria di cuesto della constitución della const	Date:
Residence: 36 Royal Crest Drive #4, Marlborough, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of third joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	2 Taple B Republic of Child
Full name of fourth joint inventor (given name, family name): Heike Radeke	
Inventor's signature:	Date:
Residence: 328 East Street, Dedham, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature: 13 - 49 - 10 - 173 Highland Av # 304 Somerville, MA	Date: 00+ 10, 2001
Residence: 100 Tower Street #210 Hudson, MA. 373 Highland Av & 304 Somerville, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of fourth joint inventor (given name, family name): James R. Hauske	
Inventor's signature:	Date:
Residence: 41 Lowell Street, Concord, MA	Citizenship: <u>U.S.A.</u>
Post Office Address: same	Citizoisiip. <u>C.S.A.</u>
•	
Full name of fifth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address:	ap. Fashing Mahaning At Citita

OIPE					
	10,1				
2 6 200¢ S	DECLARATIO	ON FOR PATENT APPLICATI	ION D	ocket Number	SPV-042.01
As a below named inventor, I hereby	eclare that:				
My residence, post office address and o	itizenship are as stated belo	w next to my name.			
I believe I am the original, first and soluthe subject matter which is claimed and			d joint inventor (if plural names are list	ted below) of
	Antipsychotic Sulfonami	ide-Heterocycles, and Methods of U	Use Thereof		
the specification of which (check one)					
☐ is attached her ☑ was filed on D applicable).		Jnited States Application Number <u>09/9</u>	51,137, and was	amended on Date	(if
I hereby state that I have reviewed and referred to above.	understand the contents of the	he above identified specification, include	ding the claims,	as amended by any am	nendment
I acknowledge the duty to disclose info	rmation, which is material to	o patentability as defined in Title 37, C	ode of Federal R	egulation, § 1.56.	
I hereby claim foreign priority benefits below and have also identified below as priority is claimed.					
Prior Foreign Application(s)				Priorit	y Claimed
- Al-mail and	(Country)	(Day/Month/Year Filed)	<u> </u>	☐ Yes	□ No
(Number)	(Country)	(Day/Monuv rear rueu)		∏ Yes	Пио
(Number)	(Country)	(Day/Month/Year Filed)		Lics	□ 140
I hereby claim the benefit under Title 3.	5, United States Code, § 119	O(e) of any United States Provisional ap	plication(s) liste	d below.	
(Application Number)	9/11/00 (Filing Date)				
(Application Number)	(Filing Date)	<u> </u>			
I hereby claim the benefit under Title 3 of the claims of this application is not d Code, § 112, I acknowledge the duty to which became available between the fil	lisclosed in the prior United disclose information which	States application in the manner provid is material to patentability as defined in	led by the first pan n Title 37, Code	aragraph of Title 35, U of Federal Regulation	Inited States
(Application Number)	(Filing I	Date)	(Status:	patented, pending, abar	ndoned)
(Application Number)	(Filing I	Date)	(Status:	patented, pending, abar	ndoned)
I hereby appoint Beth E. Arnold, Reg. R 46,663; William D. DeVaul Reg. No. 4 Gordon, Reg. No. 44,719; Robert A. Gr Lane, Reg. No. 39,261; W. Hugo Liepn 39,329; Philip C. Swain, Reg. No. 32,3 Reg. No. 47,172; and John L. Welch, F Trademark Office connected therewith.	2483; Daniel P. Gaudet, Regreenberg, Reg. No. 44,133; J nann, Reg. No. 20,407; Jim 76; Kingsley L. Taft, Reg. N Reg. No. 28,129 as attorneys	g. No. P-48,584; Robert W. Gauthier, R Jennifer K. Holmes, Reg. No 46,778; S Olesen, Reg. No. 46,967; Kevin A. Ol No. 43,946; John Quisel, Reg. No. 47,8	Reg. No. 35,153; Scott E. Kamholz iver, Reg. No. 42 74; Anita Varma	Jason Gish, Reg. No. 4, Reg. No. P- 48,543; 2,049; Chinh H. Pham, 1, Reg. No. 43,221; Sh	42,581; Dana David A. , Reg. No. 1aron Webb,
Address all telephone calls to Dana M.	Gordon at telephone number	er (617) 832-1765.			
Address all correspondence to:	Customer Id No: 25181				
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170				
I hereby declare that all statements mad and further that these statements were r both, under Section 1001 of Title 18 of patent issued thereon.	nade with the knowledge tha	at willful false statements and the like s	o made are punis	shable by fine or impri	isonment, or
Full name of sole or first inventor (give	n name, family name): <u>Xin</u> '		D-4		
Inventor's signature: Residence: 1 Royal Crest Drive, #1, Ma	ariborough, MA		Date: Citizenship: <u>Peo</u> j	ple's Republic of Chin	a
Post Office Address: same					

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Brian M. Aquila	
Inventor's signature:	Date:
Residence: 36 Royal Crest Drive #4, Marlborough, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of third joint inventor (given name, family name): Liming Shao	
Inventor's signature:	Date:
Residence: 158 South Great Road, Lincoln, MA	Citizenship: People's Republic of China
Post Office Address: same	Citizenship. reopies Republic of China
Total Carron Francisco Sarrio	
Full name of fourth joint inventor (given name, family name): Heike Radeke	
Inventor's signature:	Data
Residence: 328 East Street, Dedham, MA	Date:
Post Office Address: same	Citizenship: <u>U.S.A.</u>
1 05t Office Address: Same	
•	
The state of the s	
Full name of fifth joint inventor (given name, family name): Gregory D. Cuny	
Inventor's signature:	Date:
Residence: 100 Tower Street #210 Hudson, MA	Citizenship: <u>U.S.A.</u>
Post Office Address: same	
\sim	
Full name of fourth joint inventor given name, family name): James R. Hauske	<i>(</i> -
Inventor's signature:	Date: 2000
Residence: 41 Lowell Street, Concord, MA	Citizenship: U.S.A.
Post Office Address: same	
Full name of fifth joint inventor (given name, family name): Roger L. Xie	
Inventor's signature:	Date:
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China
Post Office Address:	

DECLARATION FOR PATENT APPLICATION

Docket Number

SPV-042.01

As	a below	named inventor,	I hereby declare that:
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BADEMAN

My residence, post of no address and	l citizenship are as stated below ne	ext to my name.			
I believe I am the original, first and so the subject matter which is claimed a			nd joint inventor (if plural nam	nes are liste	d below) of
	Antipsychotic Sulfonamide-	Heterocycles, and Methods of	Use Thereof		
the specification of which (check one)				
☐ is attached h ☑ was filed on applicable).	ereto. Date <u>September 12, 2001</u> as Unite	ed States Application Number <u>09/</u>	9 <u>51,137,</u> and was amended or	ı Date	(if
I hereby state that I have reviewed an referred to above.	d understand the contents of the al	bove identified specification, inclu	uding the claims, as amended	by any ame	ndment
I acknowledge the duty to disclose in	formation, which is material to par	tentability as defined in Title 37, (Code of Federal Regulation, §	1.56.	
I hereby claim foreign priority benefit below and have also identified below priority is claimed.					
Prior Foreign Application(s)	,			Priority	Claimed
			· .	☐ Yes	□ No
(Number)	(Country)	(Day/Month/Year Filed)		·	
(Number)	(Country)	(Day/Month/Year Filed)		☐ Yes	☐ No
I hereby claim the benefit under Title		` '	application(s) listed below.		
60/231,607	9/11/00	,			
(Application Number)	(Filing Date)	•			
(Application Number)	(Filing Date)				
Code, § 112, I acknowledge the duty which became available between the (Application Number)	to disclose information which is n filing date of the prior application (Filing Date	and the national or PCT internation	in Title 37, Code of Federal I onal filing date of this applica (Status: patented, pe	tion.	
(A - direction Number)	(Billing Date		(Status material no	nding about	laned\
(Application Number)	(Filing Date		(Status: patented, pe	•	•
I hereby appoint Beth E. Arnold, Reg 46,663; William D. DeVaul Reg. No. Gordon, Reg. No. 44,719; Robert A. Lane, Reg. No. 39,261; W. Hugo Lie 39,329; Philip C. Swain, Reg. No. 32 Reg. No. 47,172; and John L. Welch Trademark Office connected therewith	42483; Daniel P. Gaudet, Reg. No. Greenberg, Reg. No. 44,133; Jenn pmann, Reg. No. 20,407; Jim Ole, 376; Kingsley L. Taft, Reg. No. 4, Reg. No. 28,129 as attorneys/age	o. P-48,584; Robert W. Gauthier, ifer K. Holmes, Reg. No 46,778; sen, Reg. No. 46,967; Kevin A. C 43,946; John Quisel, Reg. No. 47,	Reg. No. 35,153; Jason Gish, Scott E. Kamholz, Reg. No. I Diver, Reg. No. 42,049; Chinh 874; Anita Varma, Reg. No. 4	Reg. No. 42 2- 48,543; I 1 H. Pham, I 43,221; Sha	2,581; Dana David A. Reg. No. Iron Webb,
Address all telephone calls to Dana N	1. Gordon at telephone number (6	17) 832-1765.			
Address all correspondence to:	Customer Id No: 25181				
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170				
I hereby declare that all statements m and further that these statements wer both, under Section 1001 of Title 18 patent issued thereon.	e made with the knowledge that w	illful false statements and the like	so made are punishable by fit	ne or impris	onment, or
Full name of sole or first inventor (gi	ven name, family name): Xinhe V	Vu			
Inventor's signature:	Mariharaugh MA		Date:	io of China	
Residence: 1 Royal Crest Drive, #1, Post Office Address: same	Mai 100f0ugn, MA	· · · · · · · · · · · · · · · · · · ·	Ciuzeisiup: reopie's Kepuoi	ic of China	

Additional inventors are being named separately numbered sheets attached hereto.

· ·		
Full name of second joint inventor (given name, family name): Brian M. Aquila		
Inventor's signature:	Date:	
Residence: 36 Royal Crest Drive #4, Marlborough, MA	Citizenship: <u>U.S.A.</u>	
Post Office Address: same		
Pull and California Chee		
Full name of third joint inventor (given name, family name): Liming Shao	Date:	
Inventor's signature:	Citizenship: People's Republic of China	
	Chizenship. Teople's Republic of China	
Post Office Address: same		
mark and the track of the Country Heller Budden		
Full name of fourth joint inventor (given name, family name): Heike Radeke	Date:	
Inventor's signature:		
Residence: 328 East Street, Dedham, MA	Citizenship: <u>U.S.A.</u>	
Post Office Address: same		
Full name of fifth joint inventor (given name, family name): Gregory D. Cuny		
Inventor's signature:	Date:	
Inventor's signature:	Citizenship: <u>U.S.A.</u>	
Post Office Address: same		
	•	
77 15 CO of the Lands Continuous D. Handra		
Full name of fourth joint inventor (given name, family name): James R. Hauske	Date:	
Inventor's signature:	Citizenship: U.S.A.	
Residence: 41 Lowell Street, Concord, MA	Citizenship: U.S.A.	
Post Office Address: same		
Full name of fifth joint inventor (given table, family name): Roger L. Xie	Date: 10 14 17.150	
Inventor's signature:		
Residence: 13 Stillman Circle, Natick, MA 01760	Citizenship: People's Republic of China	
Post Office Address:		
	•	

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